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1/29.IC/1 (Item 1 from file: 351)  
DIALOG(R)File 351:DERWENT WPI  
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010359023 WPI Acc No: 95-260337/34

XRAM Acc No: C95-118320

XRPX Acc No: N95-200723

Metal slurry mfr. for founding - comprises flowing molten metal over  
slant surface, and rapid cooling to become half-melted, half solid.

Patent Assignee: (AHRE-) AHRESTY CORP

Patent Family:

CC Number	Kind	Date	Week
JP 7164108	A	950627	9534 (Basic)

Priority Data (CC No Date): JP 93341492 (931210)

Abstract (Basic): JP 07164108 A

A melted metal is flowed over a slant surface, and is rapidly cooled so that it keeps a half melted condition. The half melted metal is being flowed over the slant surface, and is heated. Alternatively the half melted metal is heated at such a temp. that a solid can coexist with a liq. in a heat furnace.

USE - Used for mfg. a metal slurry whereby fine an almost uniform spherical crystal grains can be obtd.

Dwg.1/6

Int Pat Class: B22D-001/00; B22D-011/00; B22D-017/30; B22D-025/06;  
B22D-027/04; C22C-001/02

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